UI Bulletin #98c

Subject: **Upfit Body Mounting Guidelines**

Models Affected: Chevrolet Silverado/GMC Sierra Light and Heavy Duty Full-Size Pick-ups
Chevrolet Colorado/GMC Canyon with Box Delete or Removal

Model Years: 2011 thru 2019

Date: November 03, 2011

Revision Date: June 26, 2023

ADVISORY:

This UI Bulletin is designed to assist the upfitter with the proper Body Mounting Practices on Pick-Up Box Delete (ZW9) or Box Removal type upfits.
This revision is to include the Chevrolet Colorado and GMC Canyon Models

Concern:

Improper Upfit Body mounting practices which do not distribute the load over the entire chassis for rigid (on-road) and semi-rigid (off-road) attachment of Upfit Body to chassis.

Recommendation:

Proper Upfit Body mounting distributes load over the entire chassis for rigid (on-road) and semi-rigid (off-road) attachment of Upfit Body to chassis. Structural contact to frame rails fore and aft of the rear axle is necessary for proper load transfer and distribution. **Therefore use of the load bearing points as structural contact areas, as shown in Figure A, is strongly recommended.**

Use proper premium grade fasteners for rigid mechanical attachment of Upfit Body to chassis mounting areas. Welding is permitted in low stress areas of the frame (aft of rear spring shackles). **Use of the Forward, Mid & Rear Pickup Box mounting provisions (see Figure A) is strongly recommended for both rigid and semi-rigid Upfit Body attachment.**

Off-Road Spring Type attachments are highly recommended for semi-rigid mounting of Upfit Body when intended for used off-highway. When installed correctly (see Figure B), Off-Road Spring Type attachments reduce chance of vibration and torsion related chassis damage. Semi-Rigid Front mounts should be used with Rigid Mid & Rear mounts for off-highway Upfit Body applications.

Disclaimer: GM Upfitter Integration Technical Bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service and/or modification of a vehicle. These properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. Contact GM Upfitter Integration for information on whether the information is applicable your vehicle.

Warning: Failure to use Mid Mounts could result in vibration or torsional force overloading Front (pickup box chassis) mounts.

Upfit Body Mounting Guidelines

(Typical Locations)

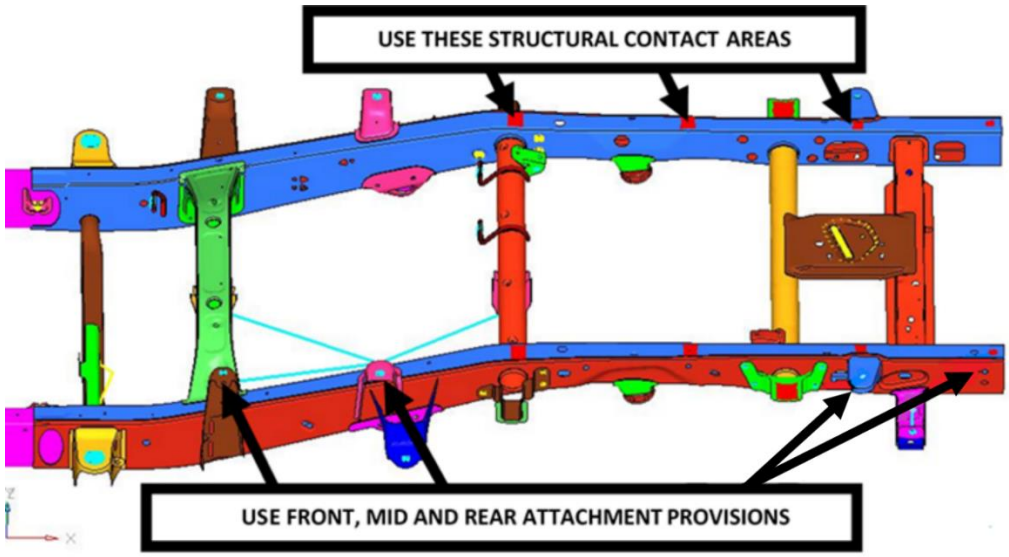

Figure A

Typical Off-Road Spring Mount Installation:

Automotive Valve Spring may be installed on top or bottom depending on clearance. Bolt Orientation does not matter.

NOTE: Only the front mounting points of an Upfit body are spring loaded. Mid and Rear mounts use standard fixed installation with bolts, top-lock nuts, and flat washers.

- Align the body to the chassis, install and tighten the rear mounts.
- Use hardened flat washers at areas shown.
- Use only steel top-lock nuts (not use nylon-insert lock nuts)
- Tighten spring mount top-lock nut to compress spring to 75% of uncompressed height.
- Minimum spring mount bolt length should exceed 4 threads past top-lock nut at compressed height. (Refer to Figure B)

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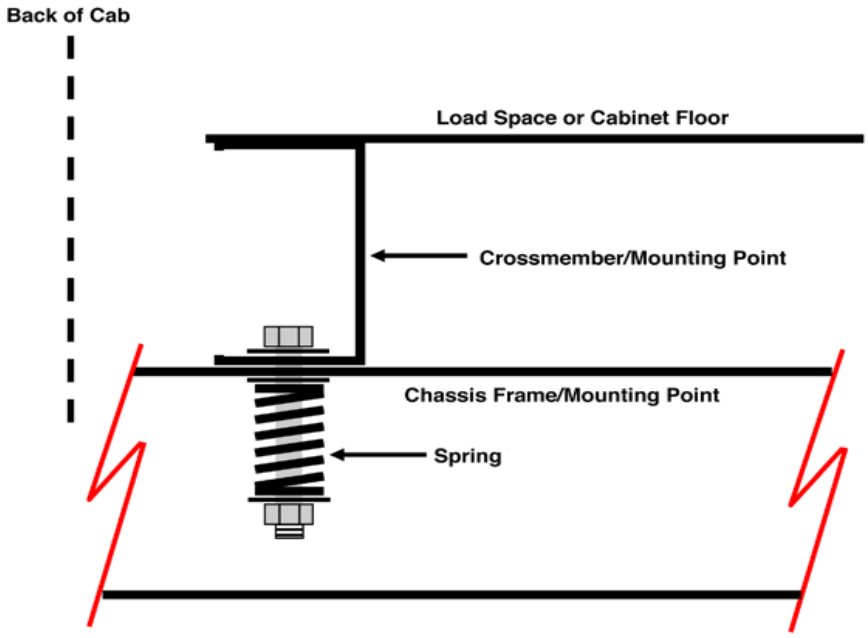

Figure B

For information regarding Upfit body related repair procedures, refer to GM Upfitter Integration Bulletin #103 http://www.gmupfitter.com/technical_bulletins.html

For more information regarding best practices for Body Mounting and Fasteners, refer to GM Upfitter Integration Best Practices Manuals - Chassis

For more information regarding Alterations to Incomplete Vehicles, refer to GM Upfitter Integration online http://www.gmupfitter.com

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